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**U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT****I. HEADING**

Date: 11/26/97
Subject: Moschiano Plating Company, Chicago, Cook County, Illinois
From: Brad Stimple, U.S. EPA OSC, ERB, Response Section 3

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PCLREP Number: POLREP 3

II. BACKGROUND

Site No.: B515	Start Date: 8/13/97
Delivery Order: 5001-05-678	Demobilization Date: 11/7/97
Response Authority: CERCLA (ERB)	Completion Date:
CERCLIS No.: ILD062471081	NPL Status: Non-NPL

III. SITE INFORMATION**A. Incident Category**

CERCLA incident category: Abandoned Electroplating Facility

B. Site Description

The Moschiano Plating Company (MPC) site is located at 2808 West Lake Street in a low income/high minority area of mixed industrial and residential development. Operations ceased at the facility in April 1997. The City of Chicago Department of the Environment requested assistance from U.S. EPA in August 1997, after a portion of the roof had collapsed. Plating solutions such as cyanide, chromic acid and various other corrosive agents remained on-site in tanks and drums. On October 27, 1997, a fire ignited on-site destroying much of the eastern portion of the site building. The cause of the fire is unknown. Refer to POLREP #1 and #2 for more detailed site information.

IV. RESPONSE INFORMATION**A. Situation****1. Current Situation**

All plating wastes discovered on-site have been removed for proper off-site disposal. Final removal activities were completed by the ERCS on 11/7/97. U.S. EPA and contractors demobilized from the site at this time.

2. Removal Activities to Date (11/3/97 to 11/7/97)

Removal activities this reporting period included:

1. All hazardous wastes discovered on-site were consolidated, containerized and/or staged for transportation and disposal. Waste acceptance at disposal facilities and transportation scheduling was completed.
2. Heavy equipment was utilized to complete disassembly of remaining debris and plating tanks in the area of the fire. Debris was segregated and staged as hazardous or non-hazardous.
3. During the reporting period, approximately 20,000 gallons of heavy-metal contaminated wastewater and 2,000 gallons of sodium hydroxide solution was transported to Chemical Waste Management, Vickory, Ohio for disposal.
4. During the reporting period, approximately 193 cubic yards (11-trucks) of hazardous debris and 18 cubic yards of plating solid waste was transported to The Environmental Quality Co., Belleville, MI for disposal.
5. On 11/3/97, 13-drums of flammable liquid were transported to WRR, Eau Claire, WI for disposal.
6. On 11/4/97, approximately 3,650 gallons of concentrated cyanide solution was transported to Heritage Environmental, Indianapolis, IN for disposal.
7. On 11/6/97, 38-drums of waste cyanide solid/sludge was transported to Philip Environmental, Detroit, MI for disposal.
8. The ERCS decontaminated all temporary holding tanks and readied for demobilization.
9. The ERCS used a pressure washer and small vacuum truck to decontaminate the concrete flooring of the main processing building.
10. Contaminated water discovered in an old below grade boiler room, was was pumped out and disposed.
11. ERCS heavy equipment was decontaminated and demobilized during the reporting period as necessary.
12. All remaining miscellaneous cleanup activities were completed.
13. On 11/7/97, all rental equipment and remaining ERCS equipment and personnel were demobilized from the Moschiano Plating site.

3. Enforcement

A General Notice of Liability and a CERCLA 104(e) information request was forwarded to the PRP of MPC site. The PRP declined the opportunity to perform cleanup activities due to lack of appropriate finances. U.S. EPA Office of Regional Counsel will perfect a lien on the property in the near future.

B. Planned Removal Activities

Upon building demolition, and if necessary, U.S. EPA may collect soil samples from under the concrete slab and perform chemical analysis to determine whether soil contamination exists due to past plating operations.

C. Next Steps

A Final POLREP will be generated when the U.S. EPA OSC is satisfied that all objectives of the Action Memorandum have been achieved.

D. Key Issues

The City of Chicago began demolition of the site building on 11/26/97. An emergency permit was granted to remove the building in a timely manner.

The U.S. EPA worked closely with the City of Chicago Department of the Environment and the Metropolitan Water Reclamation District during the course of this removal action particularly after the on-site fire. Representatives were satisfied with the results of the removal action.

Removal and proper disposal of uncontrolled hazardous substances abandoned at the site has eliminated the public health threat associated with such materials.

V. COST INFORMATION (totals as of 11/20/97)

	CEILING	COSTS	REMAINING
ERCS	\$550,000	\$367,000	\$183,000
START	\$ 20,000	\$ 13,000	\$ 7,000
U.S. EPA	\$ 50,000	\$ 23,000	\$ 27,000

The above accounting expenditure is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. DISPOSITION OF WASTES

Wastestream	Medium	Quantity	Containment	Treatment	Disposal
Hazardous Debris	Solid	278 cy	Roll-Off Box Bulked	Off-Site	The EQ Company Belleville, MI
Waste Acids	Liquid	4,700 gal	Tank Truck	Off-Site	CWM Vickory, OH
Waste Caustic	Liquid	2,000 gal	Tank Truck	Off-Site	CWM Vickory, OH
Flammable	Liquid	600 gal (13-drums)	Drums	Off-Site	WRR Eau Claire, WI
Plating Sludge	Solid	18 cy	Roll Off-Box Bulked	Off-Site	The EQ Company Belleville, MI
Cyanide	Solid	18,000 lbs (38-drums)	Drums	Off-Site	Philip Environmental Detroit, MI
Cyanide	Liquid	3,650 gal	Tank Truck	Off-Site	Heritage Environmental Indianapolis, IN
Heavy Metal Contaminated Wastewater	Liquid	35,000 gal	Tank Truck	Off-Site	CWM Vickory, OH